



Archived Publication

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The Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (2000 MSGP), issued in October 2000, expired at midnight on October 30, 2005. A new permit, the 2008 Multi-Sector General Permit (2008 MSGP) was issued on September 29, 2008. Visit www.epa.gov/npdes/stormwater/msgp to view the final 2008 MSGP and supporting documents.



Part 4 - Sector-Specific Requirements for Industrial Activity**Subsection E - Sector E - Glass, Clay, Cement, Concrete, and Gypsum Products.****E.1 Covered Stormwater Discharges.**

The requirements in Subsection E of Attachment 1 apply to stormwater discharges associated with industrial activity from glass, clay, cement, concrete, and gypsum products facilities, as identified by the SIC Codes specified under Sector E in Table D-1 of Appendix D of the permit.

E.2 Industrial Activities Covered by Sector E.

The requirements listed under this permit apply to stormwater discharges associated with industrial activity from a facility engaged in either manufacturing the following products or performing the following activities

- E.2.1 flat, pressed, or blown glass or glass containers;
- E.2.2 hydraulic cement;
- E.2.3 clay products, including tile and brick;
- E.2.4 pottery and porcelain electrical supplies;
- E.2.5 concrete products;
- E.2.6 gypsum products;
- E.2.7 minerals and earths, ground or otherwise treated;
- E.2.8 non-clay refractories;
- E.2.9 lime manufacturing;
- E.2.10 cut stone and stone products;
- E.2.11 asbestos products; and
- E.2.12 mineral wool and mineral wool insulation products.

E.3 Stormwater Pollution Prevention Plan (SWPPP) Requirements.

In addition to the following requirements, you must also comply with the requirements listed in Part 2 of the permit.

- E.3.1 *Drainage Area Site Map.* (See also Part 2.1.2) Identify the locations of the following, as applicable: bag house or other dust control device; recycle/sedimentation pond, clarifier,

or other device used for the treatment of process wastewater; and the areas that drain to the treatment device.

- E.3.2 *Good Housekeeping Measures.* (See also Part 2.1.5.1) With good housekeeping, prevent or minimize the discharge of spilled cement, aggregate (including sand or gravel), kiln dust, fly ash, settled dust, or other significant material in stormwater from paved portions of the site that are exposed to stormwater. Consider sweeping regularly or using other equivalent measures to minimize the presence of these materials. Indicate in your SWPPP the frequency of sweeping or equivalent measures. Determine the frequency from the amount of industrial activity occurring in the area and the frequency of precipitation, but it must be performed at least once a week if cement, aggregate, kiln dust, fly ash, or settled dust are being handled or processed. You must also prevent the exposure of fine granular solids (cement, fly ash, kiln dust, etc.) to stormwater, where practicable, by storing these materials in enclosed silos, hoppers, or buildings, or under other covering.
- E.3.3 *Inspections.* (See also Part 2.1.5.5) Perform inspections while the facility is in operation and include all of the following areas exposed to stormwater: material handling areas; above-ground storage tanks, hoppers, or silos; dust collection and containment systems; and truck wash down and equipment cleaning areas.
- E.3.4 *Certification.* (See also Part 2.1.4.4) For facilities producing ready-mix concrete, concrete block, brick, or similar products, include in the non-stormwater discharge certification a description of measures that ensure that process waste water resulting from washing trucks, mixers, transport buckets, forms, or other equipment are discharged in accordance with NPDES requirements or are recycled.

E.4 Monitoring and Reporting Requirements. (See also Part 3 of the permit.)

Table E-1. Sector-specific Numeric Limitations and Benchmark Monitoring			
Subsector (Discharges may be subject to requirements for more than one sector/subsector)	Parameter	Benchmark Monitoring Cutoff Concentration¹	Effluent Limitation Guidelines²
Clay Product Manufacturers (SIC 3251-3259, 3261-3269)	Total Recoverable Aluminum	0.75 mg/L	--
	Total Suspended Solids (TSS)	100 mg/L	--
Concrete and Gypsum Product Manufacturers (SIC 3271-3275)	Total Suspended Solids (TSS)	100 mg/L	--
	Total Recoverable Iron	1.0 mg/L	--
Cement Manufacturing Facility, Material Storage Runoff: Any discharge composed of runoff that derives from the storage of materials, including raw materials, intermediate products, finished products, and waste materials that are used in or derived from the manufacture of cement.	Total Suspended Solids (TSS)	--	50 mg/L, daily maximum
	pH	--	6.0 - 9.0 s.u.
Flat Glass; Glass and Glassware, Pressed or Blown; Glass Products Made of Purchased Glass; Hydraulic Cement; Cut Stone and Stone Products; and Abrasive, Asbestos, and Miscellaneous Nonmetallic Mineral Products (SIC 3211, 3221, 3229, 3231, 3241, 3281, 3291-3299)	Total Suspended Solids (TSS)	100 mg/L	--

¹You must monitor quarterly in the first year of your coverage for each benchmark parameter (see Part 3.2.2.1). For each parameter, no additional benchmark monitoring is required if the average of your 4 monitoring values does not exceed the benchmark (see Part 3.2.2.3). However, for each parameter there are additional requirements if the average of your four monitoring values exceeds the benchmark (see Part 3.2.2.4).

²Monitor once per year for each monitoring year.